179146

B.O.D. Sheets

November - 1985

054543

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $S_2$ Used | Dilution Factor | B.O.D. ppm | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|
| 11 - 28/29-85 | | | | | | | | | |
| 11 - 29/30 | | | | | | | | | |
| 11 - 30 | | | | | | | | | |
| 12 - 1 | | | | | | | | | |
| 1/2 - | Mill | Starting | | Today | | | | | |
| | | | | Mill | Down | | | | |
| | | | | | Thanksgiving | | | | |

054544

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-3/28-85 | | C | 8.2 | 8.2 | | | | | 2576300 | |
| | | | | 8.2 8.2 | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 5.0 | 3.1 | 300 | 960 | | | |
| | | 2 | | 4.2 | 4.0 | 150 | 600 | 670 | 14434 -6872 | 14434 |
| | | 3 | | 3.7 | 4.5 | 100 | 450 | | 7562 : 52.4 | |
| | | | | | | | | | | |
| | AP | 2 | | 6.0 | 2.2 | 150 | 330 | | | |
| | | 3 | | 5.0 | 3.2 | 100 | 320 | 319 | 6872 -1939 | 6872 |
| | | 4 | | 4.1 | 4.1 | 75 | 308 | | 4933 : 71.2 | |
| | | | | | | | | | | |
| | AI | 6 | | 6.5 | 1.7 | 50 | 85 | | | |
| | | 8 | | 5.8 | 2.4 | 37.5 | 90 | 90 | 1939 -280 | 1939 |
| | | 10 | | 5.0 | 3.2 | 30 | 96 | | 1659 : 85.6 | |
| | | | | | | | | | | |
| | S | 25 | | 6.9 | 1.3 | 12 | 16 | | | |
| | | 35 | | 6.7 | 1.5 | 8.6 | 13 | 13 | | 280 |
| | | 50 | | 6.4 | 1.8 | 6 | 11 | | | |
| | | | | | | | | | | |
| | | | | | | | | | O.A.R. | |
| | | | | | Kenyon | | | | 14434 -280 | |
| | | | | | | | | | 14154 : 98.1 | |

054545

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-~~26~~27-85 | | C | 8.2 | 8.2 | | | | | 2835300 | |
| | | | | 8.2 8.2 | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 4.1 | 4.1 | 300 | 1230 | | | |
| | | 2 | | 3.4 | 4.7 | 150 | 705 | 968 | 22955 - 8916 | 22955 |
| | | 3 | | .6 | — | 100 | — | | 14079 = 61.3 | |
| | | | | | | | | | | |
| | AP | 2 | | 5.6 | 2.6 | 150 | 390 | | | |
| | | 3 | | 4.5 | 3.7 | 100 | 370 | 376 | - 8916 2371 | 8916 |
| | | 4 | | 3.3 | 4.9 | 75 | 368 | | 6545 = 73.4 | |
| | | | | | | | | | | |
| | AI | 6 | | 6.3 | 1.9 | 50 | 95 | | | |
| | | 8 | | 5.6 | 2.6 | 37.5 | 98 | 100 | 2371 - 285 | 2371 |
| | | 10 | | 4.6 | 3.6 | 30 | 108 | | 2086 = 88.0 | |
| | | | | | | | | | | |
| | S | 25 | | 7.1 | 1.1 | 12 | 13 | | | |
| | | 35 | | 6.7 | 1.5 | 8.6 | 13 | 12 | | 285 |
| | | 50 | | 6.3 | 1.9 | 6 | 11 | | | |
| | | | | | | | | | | |
| | | | | | | | | | O.A.R. | |
| | | | | | | Kenyon | | | 22955 - 285 | |
| | | | | | | | | | 22670 = 98.8 | |

C54546

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $S_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-~~25~~/26-85 | | C | 8.2 | 8.1 | | | | | 2700000 | |
| | | | | 8.1 8.1 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 5.2 | 2.9 | 300 | 870 | | | |
| | | 2 | | 5.0 | 3.1 | 150 | 465 | 562 | 12670 -7282 | 12670 |
| | | 3 | | 4.6 | 3.5 | 100 | 350 | | 5388 ÷ 42.5 | |
| | | | | | | | | | | |
| | AP | 2 | | 5.7 | 2.4 | 150 | 360 | | | |
| | | 3 | | 5.0 | 3.1 | 100 | 310 | 323 | -7282 -2728 | 7282 |
| | | 4 | | 4.1 | 4.0 | 75 | 300 | | 4554 ÷ 62.5 | |
| | | | | | | | | | | |
| | AI | 6 | | 5.5 | 2.6 | 50 | 130 | | | |
| | | 8 | | 5.2 | 2.9 | 37.5 | 109 | 121 | 2728 -361 | 2728 |
| | | 10 | | 4.0 | 4.1 | 30 | 123 | | 2367 ÷ 86.8 | |
| | | | | | | | | | | |
| | S | 25 | | 6.6 | 1.5 | 12 | 18 | | | |
| | | 35 | | 6.2 | 1.9 | 8.6 | 16 | 16 | | 361 |
| | | 50 | | 6.0 | 2.1 | 6 | 13 | | | |
| | | | | | | | | | O.A.R. 12670 -361 12309 ÷ 97.2 | |
| | | | | | | Kenyon | | | | |

054547

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-24/25-85 | | C | 8.2 | 8.1 | | | | | 2742800 | |
| | | | | 8.2 8.0 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 5.0 | 3.1 | 300 | 930 | | | |
| | | 2 | | 4.4 | 3.7 | 150 | 555 | 625 | 14299 - 8877 | 14299 |
| | | 3 | | 4.2 | 3.9 | 100 | 390 | | 5422 = 37.9 | |
| | | | | | | | | | | |
| | AP | 2 | | 5.1 | 3.0 | 150 | 450 | | | |
| | | 3 | | 4.5 | 3.6 | 100 | 360 | 388 | 8877 - 3112 | 8877 |
| | | 4 | | 3.4 | 4.7 | 75 | 353 | | 5765 = 64.9 | |
| | | | | | | | | | | |
| | AI | 6 | | 5.2 | 2.9 | 50 | 145 | | | |
| | | 8 | | 4.6 | 3.5 | 37.5 | 131 | 136 | 3112 - 320 | 3112 |
| | | 10 | | 3.7 | 4.4 | 30 | 132 | | 2792 = 89.7 | |
| | | | | | | | | | | |
| | S | 25 | | 6.9 | 1.2 | 12 | 14 | | | |
| | | 35 | | 6.5 | 1.6 | 8.6 | 14 | 14 | | 320 |
| | | 50 | | 6.0 | 2.1 | 6 | 13 | | | |
| | | | | | | | | | O.A.R. 14299 - 320 | |
| | | | | | | Kenyon | | | 13979 = 97.8 | |

054548

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-~~23~~/24-85 | | C | 8.2 | 8.2 | | | | | 2896800 | |
| | | | | 8.2 8.2 | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 4.5 | 3.7 | 300 | 1110 | | | |
| | | 2 | | 4.2 | 4.0 | 150 | 600 | 753 | 18237 - 6950 | 18234 |
| | | 3 | | 2.7 | 5.5 | 100 | 550 | | 11284 = 61.9 | |
| | | | | | | | | | | |
| | AP | 2 | | 6.1 | 2.1 | 150 | 315 | | | |
| | | 3 | | 5.6 | 2.6 | 100 | 260 | 287 | 6950 - 1574 | 6950 |
| | | 4 | | 4.4 | 3.8 | 75 | 285 | | 5376 = 71.4 | |
| | | | | | | | | | | |
| | AI | 6 | | 6.9 | 1.3 | 50 | 65 | | | |
| | | 8 | | 6.5 | 1.7 | 37.5 | 64 | 65 | 1574 - 339 | 1574 |
| | | 10 | | 6.0 | 2.2 | 30 | 66 | | 1235 = 78.5 | |
| | | | | | | | | | | |
| | S | 25 | | 7.0 | 1.2 | 12 | 14 | | | |
| | | 35 | | 6.5 | 1.7 | 8.6 | 15 | 14 | | 339 |
| | | 50 | | 5.8 | 2.4 | 6 | 14 | | | |
| | | | | | | | | | | |
| | | | | | | | | | O.A.B. | |
| | | | | | | | | | 18237 - 339 | |
| | | | | | | | | | 17895 = 98.1 | |

054549

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-~~23~~-85 | | C | 8.2 | 8.2 | | | | | 2694200 | |
| | | | | 8.2 8.2 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 6.6 | 1.6 | 300 | 480 | | | |
| | | 2 | | 5.9 | 2.3 | 150 | 345 | 375 | 8423 - 5301 | 8423 |
| | | 3 | | 5.2 | 3.0 | 100 | 300 | | 3122 = 37.1 | |
| | | | | | | | | | | |
| | AP | 2 | | 6.5 | 1.7 | 150 | 255 | | | |
| | | 3 | | 6.0 | 2.2 | 100 | 220 | 236 | 5301 - 1460 | 5301 |
| | | 4 | | 5.1 | 3.1 | 75 | 233 | | 3841 = 72.5 | |
| | | | | | | | | | | |
| | AI | 6 | | 6.8 | 1.4 | 50 | 70 | | | |
| | | 8 | | 6.5 | 1.7 | 37.5 | 64 | 65 | 1460 - 337 | 1460 |
| | | 10 | | 6.2 | 2.0 | 30 | 60 | | 1123 = 76.9 | |
| | | | | | | | | | | |
| | S | 25 | | 6.7 | 1.5 | 12 | 18 | | | |
| | | 35 | | 6.4 | 1.8 | 8.6 | 15 | 15 | | 337 |
| | | 50 | | 6.0 | 2.2 | 6 | 13 | | | |
| | | | | | | | | | | |
| | | | | | | | | | O.A.R. 8423 - 337 | |
| | | | | | | | | | 8086 = 96.0 | |

054550

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $S_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-21/22-85 | | C | 8.0 | 8.1 | | | | | 2730800 | |
| | | | | 8.1 8.2 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 6.7 | 1.45 | 300 | 435 | | | |
| | | 2 | | 6.4 | 1.75 | 150 | 263 | 301 | 6861 - 5608 | 6861 |
| | | 3 | | 6.1 | 2.05 | 100 | 205 | | 1253 ÷ 18.3 | |
| | | | | | | | | | | |
| | AP | 2 | | 6.4 | 1.75 | 150 | 263 | | | |
| | | 3 | | 5.9 | 2.25 | 100 | 225 | 246 | 5608 - 1254 | 5608 |
| | | 4 | | 4.8 | 3.35 | 75 | 251 | | 4354 ÷ 77.6 | |
| | | | | | | | | | | |
| | AI | 6 | | 7.0 | 1.15 | 50 | 58 | | | |
| | | 8 | | 6.7 | 1.45 | 37.5 | 54 | 55 | 1254 - 388 | 1254 |
| | | 10 | | 6.4 | 1.75 | 30 | 53 | | 866 ÷ 69.1 | |
| | | | | | | | | | | |
| | S | 25 | | 6.5 6.5 | 1.65 | 12 | 20 | | | |
| | | 35 | | 6.2 6.2 | 1.95 | 8.6 | 17 | 17 | | 388 |
| | | 50 | | 5.8 | 2.35 | 6 | 14 | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | Kenagon | | | | O.A.R | |
| | | | | | | | | | | |
| | | | | | | | | | 6861 - 388 | |
| | | | | | | | | | 6473 ÷ 94.3 | |
| | | | | | | | | | | |
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| | | | | | | | | | | |

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-20/21-85 | | C | 8.1 | 8.1 | | | | | 2656100 | |
| | | | | 8.1 8.1 | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 6.9 | 1.2 | 300 | 360 | | | |
| | | 2 | | 6.1 | 2.0 | 150 | 300 | 300 | -6663 4886 | 6663 |
| | | 3 | | 5.7 | 2.4 | 100 | 240 | | 1777 = 26.7 | |
| | | | | | | | | | | |
| | AP | 2 | | 6.6 | 1.5 | 150 | 225 | | | |
| | | 3 | | 6.0 | 2.1 | 100 | 210 | 220 | 4886 -999 | 4886 |
| | | 4 | | 5.1 | 3.0 | 75 | 225 | | 3887 = 80.0 | |
| | | | | | | | | | | |
| | AI | 6 | | 7.2 | .9 | 50 | 45 | | | |
| | | 8 | | 6.9 | 1.2 | 37.5 | 45 | 45 | -999 -311 | 999 |
| | | 10 | | 6.6 | 1.5 | 30 | 45 | | 688 = 68.9 | |
| | | | | | | | | | | |
| | S | 25 | | 6.9 | 1.2 | 12 | 14 | | | |
| | | 35 | | 6.4 | 1.7 | 8.6 | 15 | 14 | | 311 |
| | | 50 | | 5.7 | 2.4 | 6 | 14 | | | |
| | | | | | | | | | | |
| | | | | | | | | | O.A.R. | |
| | | | | | | Kenyon | | | 6663 -311 | |
| | | | | | | | | | 6352 = 95.3 | |

054552

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $S_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-20-85 | | C | 8.1 | 8.1 | | | | | 2963000 | |
| | | | | 8.1 8.1 | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 6.5 | 1.6 | 300 | 480 | | | |
| | | 2 | | 6.0 | 2.1 | 150 | 315 | 365 | 9021 - 5512 | 9021 |
| | | 3 | | 5.1 | 3.0 | 100 | 300 | | 3509 = 38.9 | |
| | | | | | | | | | | |
| | AP | 2 | | 6.5 | 1.6 | 150 | 240 | | | |
| | | 3 | | 5.9 | 2.2 | 100 | 220 | 223 | 5512 - 1581 | 5512 |
| | | 4 | | 5.3 | 2.8 | 75 | 210 | | 3931 = 71.3 | |
| | | | | | | | | | | |
| | AI | 6 | | 6.7 | 1.4 | 50 | 70 | | | |
| | | 8 | | 6.5 | 1.6 | 37.5 | 60 | 64 | 1581 - 297 | 1581 |
| | | 10 | | 6.0 | 2.1 | 30 | 63 | | 1284 = 81.2 | |
| | | | | | | | | | | |
| | S | 25 | | 6.9 | 1.2 | 12 | 14 | | | |
| | | 35 | | 6.6 | 1.5 | 8.6 | 13 | 12 | | 297 |
| | | 50 | | 6.4 | 1.7 | 6 | 10 | | | |
| | | | | | | | | | | |
| | | | | | | Kenyon | | | | |
| | | | | | | | | | | |
| | | | | | | | | | O.A.R. | |
| | | | | | | | | | 9021 - 297 | |
| | | | | | | | | | 8724 = 96.7 | |

054553

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-19-85 | | C | 8.1 | 8.1 | | | | | 2870900 | |
| | | | | 8.1 8.2 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 6.8 | 1.35 | 300 | 405 | | | |
| | | 2 | | 6.2 | 1.95 | 150 | 293 | 338 | 8100 - 5176 | 8100 |
| | | 3 | | 5.0 | 3.15 | 100 | 315 | | 2924 = 36.1 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AP | 2 | | 6.7 | 1.45 | 150 | 218 | | | |
| | | 3 | | 6.0 | 2.15 | 100 | 215 | 216 | 5176 - 1462 | 5176 |
| | | 4 | | 5.3 | 2.85 | 75 | 214 | | 3714 = 71.8 | |
| | | | | | | | | | | |
| | AI | 6 | | 6.9 | 1.25 | 50 | 63 | | | |
| | | 8 | | 6.5 | 1.65 | 37.5 | 62 | 61 | 1462 - 288 | 1462 |
| | | 10 | | 6.2 | 1.95 | 30 | 59 | | 1174 = 80.3 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | S | 25 | | 7.0 | 1.15 | 12 | 14 | | | |
| | | 35 | | 6.8 | 1.35 | 8.6 | 12 | 12 | | 288 |
| | | 50 | | 6.6 | 1.55 | 6 | 9 | | | |
| | | | | | | | | | O.A.R. | |
| | | | | | | | | | 8100 - 288 | |
| | | | | | | Kenyon | | | 7812 = 96.4 | |

054554

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-13/18-85 | | C | 8.0 | 8.1 | | | | | 25,30400 | |
| | | | | 8.1 8.1 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 7.0 | 1.1 | 300 | 330 | | | |
| | | 2 | | 6.4 | 1.7 | 150 | 255 | 275 | 5810 - 3338 | 5810 |
| | | 3 | | 5.7 | 2.4 | 100 | 240 | | 2472 : 42.5 | |
| | | | | | | | | | | |
| | AP | 2 | | 7.0 | 1.1 | 150 | 165 | | | |
| | | 3 | | 6.6 | 1.5 | 100 | 150 | 158 | 3338 - 1140 | 3338 |
| | | 4 | | 6.0 | 2.1 | 75 | 158 | | 2198 = 65.8 | |
| | | | | | | | | | | |
| | AI | 6 | | 6.9 | 1.2 | 50 | 60 | | | |
| | | 8 | | 6.7 | 1.4 | 37.5 | 53 | 54 | 1140 - 190 | 1140 |
| | | 10 | | 6.5 | 1.6 | 30 | 48 | | 950 = 8.3 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | S | 25 | | 7.3 | .8 | 12 | 10 | | | |
| | | 35 | | 7.0 | 1.1 | 8.6 | 9 | 9 | | 190 |
| | | 50 | | 6.6 | 1.5 | 6 | 9 | | | |
| | | | | | | | | | O.A.R. 5810 -190 | |
| | | | | | | Kenyon | | | 5620 = 96.7 | |

C54555

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| il 12/13-85 | C | | 8.0 | 8.0 | | | | | 2707500 | |
| | | | | 8.0 8.0 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | A-I | 6 | | 6.0 | 2.0 | 50 | 100 | | | |
| | | 8 | | 4.6 | 3.4 | 37.5 | 128 | 112 | 2534 = 339 | 2534 |
| | | 10 | | 4.4 | 3.6 | 30 | 108 | | 2195 = 86.6 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | S | 25 | | 6.9 | 1.1 | 12 | 13 | | | |
| | | 35 | | 6.2 | 1.8 | 8.6 | 15 | 15 | | 339 |
| | | 50 | | 5.3 | 2.7 | 6 | 16 | | | |
| | | | | | | | | | | |
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| | | | | | | Kenyon | | | | |
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054556

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 15/16 | C | | 8.2 | 8.2 | | | | | 2756400 | |
| | | | | 8.2 8.2 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | A-I | 6 | | 5.8 | 2.4 | 50 | 120 | | | |
| | | 8 | | 4.5 | 3.7 | 37.5 | 139 | 134 | 3088 - 645 | 3088 |
| | | 10 | | 3.4 | 4.8 | 30 | 144 | | 2443 : 79.1 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | S | 25 | | 5.7 | 2.5 | 12 | 30 | | | |
| | | 35 | | 4.9 4.8 | 3.3 | 8.6 | 28 | 28 | | 645 |
| | | 50 | | 3.8 3.8 | 4.4 | 6 | 26 | | | |
| | | | | | | | | | | |
| | | | | | | Kenyon | | | | |
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| | | | | | | | | | | 05455-7 |

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-14/15-85 | | C | 8.1 | 8.0 | | | | | 2639400 | |
| | | | | 8.0 8.0 | | | | | | |
| | | | | | | | | | | |
| | RP | 1 | | 6.5 | 1.5 | 300 | 450 | | | |
| | | 2 | | 6.0 | 2.0 | 150 | 300 | 347 | -7649 / -6679 | 7649 |
| | | 3 | | 5.1 | 2.9 | 100 | 290 | | 970 = 12.7 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AP | 2 | | 5.7 | 2.3 | 150 | 345 | | | |
| | | 3 | | 5.0 | 3.0 | 100 | 300 | 303 | -6679 / -2293 | 6679 |
| | | 4 | | 4.5 | 3.5 | 75 | 263 | | 4386 = 65.7 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AI | 6 | | 6.0 | 2.0 | 50 | 100 | | | |
| | | 8 | | 5.0 | 3.0 | 37.5 | 113 | 104 | 2293 / -331 | 2293 |
| | | 10 | | 4.7 | 3.3 | 30 | 99 | | 1962 = 85.6 | |
| | | | | | | | | | | |
| | S | 25 | | 6.9 | 1.1 | 12 | 13 | | | |
| | | 35 | | 6.2 | 1.8 | 8.6 | 15 | 15 | | 331 |
| | | 50 | | 5.0 | 3.0 | 6 | 18 | | | |
| | | | | | | | | | | |
| | | | | | | | | | O.A.R. | |
| | | | | | | | | | 7649 / -331 | |
| | | | | | Kenyon | | | | 7318 = 95.7 | |

054558

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-13/14-85 | | C | 8.0 | 8.1 | | | | | 2722400 | |
| | | | | 8.1 8.0 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | | | ~~300~~ | | | | |
| | | 2 | | No Sample | | ~~150~~ | | | | |
| | | 3 | | | | ~~100~~ | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AP | 2 | | 5.4 | 2.65 | 150 | 398 | | | |
| | | 3 | | 4.5 | 3.55 | 100 | 355 | 347 | 7881 -2566 | 7881 |
| | | 4 | | 4.2 | 3.85 | 75 | 289 | | 5315 = 62.4 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AI | 6 | | 5.9 | 2.15 | 50 | 108 | | | |
| | | 8 | | 4.8 | 3.25 | 37.5 | 122 | 113 | 2566 -432 | 2566 |
| | | 10 | | 4.4 | 3.65 | 30 | 110 | | 2134 = 83.2 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | S | 25 | | 6.6 | 1.45 | 12 | 17 | | | |
| | | 35 | | 5.7 | 2.35 | 8.6 | 20 | 19 | | 432 |
| | | 50 | | 4.7 | 3.35 | 6 | 20 | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | Kenyon | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | 054559 |
| | | | | | | | | | | |
| | | | | | | | | | | |

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-12/13-85 | | C | 8.1 | 8.0 | | | | | 2649900 | |
| | | | | 8.1 8.0 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 7.0 | 1.05 | 300 | 315 | | | |
| | | 2 | | 6.5 | 1.55 | 150 | 233 | 278 | 6151 - 5465 | 6151 |
| | | 3 | | 5.2 | 2.85 | 100 | 285 | | 686 = 11.2 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AP | 2 | | 6.3 | 1.75 | 150 | 263 | | | |
| | | 3 | | 5.7 | 2.35 | 100 | 235 | 247 | 5465 - 1748 | 5465 |
| | | 4 | | 4.8 | 3.25 | 75 | 244 | | 3717 = 68.0 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AI | 6 | | 6.5 | 1.55 | 50 | 78 | | | |
| | | 8 | | 6.0 | 2.05 | 37.5 | 77 | 79 | 1748 - 332 | 1748 |
| | | 10 | | 5.3 | 2.75 | 30 | 83 | | 1416 = 81.0 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | S | 25 | | 6.9 | 1.15 | 12 | 14 | | | |
| | | 35 | | 6.2 | 1.85 | 8.6 | 16 | 15 | | 332 |
| | | 50 | | 5.4 | 2.65 | 6 | 16 | | | |
| | | | | | | | | | O.A.R. 6151 - 332 | |
| | | | | | Kenyon | | | | 5819 = 94.6 | |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| | | | | | | | | | | 054560 |
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| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | Flow gal./day 2.60 | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|
| 11-1/2-85 | | C | 8.0 | 8.0 | | | | 2599000 | |
| | | | | 8.0 - 8.0 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | BP | 1 | | 5.2 - 5.2 | 2.8 x | 300 | 840 | | |
| | | 2 | | 6.4 | 1.6 | 150 | 240 | | |
| | | 3 | | 5.7 5.6 | 2.4 | 100 | 240 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | AP | 2 | | 6.4 | 1.6 | 150 | 240 | ~~47~~ 4711 | 4711 |
| | | 3 | | 6.0 | 2.0 | 100 | 200 217 | - ~~73~~ 1585 | |
| | | 4 | | 5.2 | 2.8 | 75 | 210 | 3126 = 66.3 | |
| | | | | | | | | | |
| | | | | | | 50 | | | |
| | AI | 6 | | 6.6 | 1.4 | 37.5 | 70 73 | 1585 | 1585 |
| | | 8 | | 6.0 | 2.0 | 30 | 75 | - 217 | |
| | | 10 | | 5.5 | 2.5 | | 75 | 1368 = 86.3 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | S | 25 | | 7.1 | 0.9 | 12 | 10.8 | | |
| | | 35 | | 6.8 | 1.2 | 8.6 | 10.3 10 | | 217 |
| | | 50 | | 6.3 | 1.7 | 6 | 10.2 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |

054561

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|
| 11-10/11-85 | | | | | | | | | |
| | | | | Mill | | Down | | | |

054562

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-8-85 | | C | 8.0 | 8.0 | | | | | 2419400 | |
| | | | | 8.0 8.0 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 5.9 | 2.1 | 300 | 630 | | | |
| | | 2 | | 5.5 | 2.5 | 150 | 375 | 452 | 9134 - 7052 | 9134 |
| | | 3 | | 4.5 | 3.5 | 100 | 350 | | 2082 = 22.8 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AP | 2 | | 5.6 | 2.4 | 150 | 360 | | | |
| | | 3 | | 4.5 | 3.5 | 100 | 350 | 349 | 7052 - 2021 | 7052 |
| | | 4 | | 3.5 | 4.5 | 75 | 338 | | 5031 = 71.3 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AI | 6 | | 6.0 | 2.0 | 50 | 100 | | | |
| | | 8 | | 5.3 | 2.7 | 37.5 | 101 | 100 | 2021 - 283 | 2021 |
| | | 10 | | 4.7 | 3.3 | 30 | 99 | | 1738 = 86.0 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | S | 25 | | 7.0 | 1.0 | 12 | 12 | | | |
| | | 35 | | 6.0 | 2.0 | 8.6 | 17 | 14 | | 283 |
| | | 50 | | 5.8 | 2.2 | 6 | 13 | | | |
| | | | | | | | | | | |
| | | | | | | | | | O.A.R. 9134 - 283 | |
| | | | | | | Kenyon | | | 8851 = 96.9 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |

054563

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $S_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-8-85 | | C | 8.1 | 8.1 | | | | | 2415600 | |
| | | | | 8.1 8.1 | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 5.7 | 2.4 | 300 | 720 | | | |
| | | 2 | | 5.4 | 2.7 | 150 | 405 | 502 | 10144 - 7275 | 10144 |
| | | 3 | | 4.3 | 3.8 | 100 | 380 | | 2869 = 28.3 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AP | 2 | | 5.5 | 2.6 | 150 | 390 | | | |
| | | 3 | | 4.5 | 3.6 | 100 | 360 | 360 | 7275 - 1960 | 7275 |
| | | 4 | | 3.7 | 4.4 | 75 | 330 | | 5315 = 73.1 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AI | 6 | | 6.2 | 1.9 | 50 | 95 | | | |
| | | 8 | | 5.5 | 2.6 | 37.5 | 98 | 97 | 1960 - 283 | 1960 |
| | | 10 | | 4.8 | 3.3 | 30 | 99 | | 1677 = 85.6 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | S | 25 | | 7.1 | 1.0 | 12 | 12 | | | |
| | | 35 | | 6.0 | 2.1 | 8.6 | 18 | 14 | | 283 |
| | | 50 | | 5.9 | 2.2 | 6 | 13 | | | |
| | | | | | | | | | | |
| | | | | | | | | | O.A.R. | |
| | | | | | | | | | 10144 - 283 | |
| | | | | | Benzon | | | | 9861 = 97.2 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| | | | | | | | | | | 054564 |

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $S_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-7/8-85 | | C | 8.2 | 8.2 | | | | | 2455300 | |
| | | | | 8.2 8.2 | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 6.3 | 1.9 | 300 | 570 | | | |
| | | 2 | | 5.7 | 2.5 | 150 | 375 | 418 | -8586 6306 | 8586 |
| | | 3 | | 5.1 | 3.1 | 100 | 310 | | 2280 = 26.6 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AP | 2 | | 6.2 | 2.0 | 150 | 300 | | | |
| | | 3 | | 5.0 | 3.2 | 100 | 320 | 307 | -6306 1438 | 6306 |
| | | 4 | | 4.2 | 4.0 | 75 | 300 | | 4868 = 77.2 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AI | 6 | | 6.6 | 1.6 | 50 | 80 | | | |
| | | 8 | | 6.4 | 1.8 | 37.5 | 68 | 70 | 1438 -246 | 1438 |
| | | 10 | | 6.1 | 2.1 | 30 | 63 | | 1192 = 82.9 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | S | 25 | | 7.2 | 1.0 | 12 | 12 | | | |
| | | 35 | | 6.8 | 1.4 | 8.6 | 12 | 12 | | 246 |
| | | 50 | | 6.3 | 1.9 | 6 | 11 | | | |
| | | | | | | | | | | |
| | | | | | | | | | O.A.R. | |
| | | | | | | | | | 8586 -246 | |
| | | | | | Kenyon | | | | 8340 = 97.1 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

054565

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-14-85 | | C | 8.1 | 8.1 | | | | | 2657700 | |
| | | | | 8.1 8.1 | | | | | | |
| | AP | 2 | | 5.4 | 2.7 | 150 | 405 | | | |
| | | 3 | | 5.0 | 3.1 | 100 | 310 | 321 | 7130 - 2532 | 7130 |
| | | 4 | | 4.8 | 3.3 | 75 | 248 | | 4598 : 64.5 | |
| | AI | 6 | | 5.9 | 2.2 | 50 | 110 | | | |
| | | 8 | | 5.1 | 3.0 | 37.5 | 113 | 114 | 2532 - 289 | 2532 |
| | | 10 | | 4.1 | 4.0 | 30 | 120 | | 2243 : 88.6 | |
| | S | 25 | | 7.2 | .9 | 12 | 11 | | | |
| | | 35 | | 6.7 | 1.4 | 8.6 | 12 | 13 | | 289 |
| | | 50 | | 5.6 | 2.5 | 6 | 15 | | | |

Benzon

054566

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-5/6-85 | | C | 8.2 | 8.1 | | | | | 2584800 | |
| | | | | 8.1 8.1 | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 5.0 | 3.1 | 300 | 930 | | | |
| | | 2 | | 4.5 | 3.6 | 150 | 540 | 623 | 13421 -6398 | 13421 |
| | | 3 | | 4.1 | 4.0 | 100 | 400 | | 7023 = 52.3 | |
| | | | | | | | | | | |
| | AP | 2 | | 6.0 | 2.1 | 150 | 315 | | | |
| | | 3 | | 5.2 | 2.9 | 100 | 290 | 297 | 6398 -1895 | 6398 |
| | | 4 | | 4.3 | 3.8 | 75 | 285 | | 4503 = 70.4 | |
| | | | | | | | | | | |
| | AI | 6 | | 6.4 | 1.7 | 50 | 85 | | | |
| | | 8 | | 5.7 | 2.4 | 37.5 | 90 | 88 | 1895 -302 | 1895 |
| | | 10 | | 5.1 | 3.0 | 30 | 90 | | 1593 = 84.1 | |
| | | | | | | | | | | |
| | S | 25 | | 6.9 | 1.2 | 12 | 14 | | | |
| | | 35 | | 6.5 | 1.6 | 8.6 | 14 | 14 | | 302 |
| | | 50 | | 6.0 | 2.1 | 6 | 13 | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | O.A.R. 13421 -302 | |
| | | | | | | | | | 13119 = 97.7 | |
| | | | | | Kenyon | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | 054567 |

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|---|
| 11-4/5-85 | | C | 8.2 | 8.1 | | | | | 2534200 | |
| | | | | 8.1 8.1 | | | | | | |
| | | | | | | | | | | |
| | BP | 1 | | 6.4 | 1.7 | 300 | 510 | | | |
| | | 2 | | 5.0 | 3.1 | 150 | 465 | 445 | 9401 - 5450 | 9401 |
| | | 3 | | 4.5 | 3.6 | 100 | 360 | | 3951 = 42.0 | |
| | | | | | | | | | | |
| | AP | 2 | | 6.2 | 1.9 | 150 | 285 | | | |
| | | 3 | | 5.6 | 2.5 | 100 | 250 | 258 | 5450 - 1648 | 5450 |
| | | 4 | | 4.9 | 3.2 | 75 | 240 | | 3802 = 69.8 | |
| | | | | | | | | | | |
| | AI | 6 | | 6.6 | 1.5 | 50 | 75 | | | |
| | | 8 | | 6.0 | 2.1 | 37.5 | 79 | 78 | 1648 - 296 | 1648 |
| | | 10 | | 5.4 | 2.7 | 30 | 81 | | 1352 = 82.0 | |
| | | | | | | | | | | |
| | S | 25 | | 7.0 | 1.1 | 12 | 13 | | | |
| | | 35 | | 6.2 | 1.9 | 8.6 | 16 | 14 | | 296 |
| | | 50 | | 5.9 | 2.2 | 6 | 13 | | | |
| | | | | | | | | | | |
| | | | | | | | | | O.A.R. | |
| | | | | | | | Kenyon | | 9401 - 296 | |
| | | | | | | | | | 9105 = 96.9 | |

054568

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|
| 11-3/4-85 | | | | | | | | | |
| | | | | Mill | Starting after being down 48 hrs | | | | |
| | | | | | | Benzon | | | |

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|
| 11-2/3-85 | | | | | | | | | |

Mill Down

Kenyon

054570

Put up 4 Control Bottles
Titrate one

| Date | Sample | ml. of Sample Used | Initial D.O. ppm | 5 Day D.O. ppm | Final $O_2$ Used | Dilution Factor | B.O.D. ppm | Flow gal./day | B.O.D. lbs./day |
|---|---|---|---|---|---|---|---|---|---|
| 11-½-85 | | C | 8.2 | 8.2 | | | | 2835400 | |
| | | | | 8.2 8.2 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | AI | 6 | | 5.4 | 2.8 | 50 | 140 | | |
| | | 8 | | 5.1 | 3.1 | 37.5 | 116 } 123 | 2917 - 356 | 2917 |
| | | 10 | | 4.4 | 3.8 | 30 | 114 | 2561 = 87.8 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | S | 25 | | 7.1 | 1.1 | 12 | 13 | | |
| | | 35 | | 6.0 | 2.2 | 8.6 | 19 } 15 | | 356 |
| | | 50 | | 5.9 | 2.3 | 6 | 14 | | |

Kenyon

054571